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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Jon A. Wolff,)
Sean D. Monahan, James E. Hagstrom,)
Paul M. Slattum, Vladimir G. Budker,)
and David B. Rozema)

Serial No.: 09/312,351)

Examiner: Richard Schnizer

Filed: 5/14/99)

Group Art Unit: 1632)

For: A Compound Containing a Labile Disulfide Bond

AMENDMENT UNDER 37 C.F.R. §1.111

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated September 20, 2000:

In the Claims:

Please amend claims 7, 8, 12 and 18 as follows:

sub c' 7) A compound for inserting into an organism, comprising: the compound having a disulfide bond that is labile under physiologic conditions selected from the group consisting of (a) a disulfide bond that is cleaved more rapidly than oxidized glutathione and (b) a disulfide bond constructed from thiols in which one of the constituent thiols has a lower pKa than glutathione and (c) a disulfide bond that is activated by intramolecular attack from a free thiol thereby forming two molecules.

Q' 8) The compound of claim 7 wherein the compound comprises an amphipathic molecule [compound].

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